



(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 150858

Roll No.

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B.Pharm.

(SEM VIII) THEORY EXAMINATION, 2014-15 STANDARDIZATION OF HERBAL DRUGS ELECTIVE - A

Time : 3 Hours]

[Total Marks : 80

Note: Attempt all questions. All questions carry equal marks.

- 1 Attempt **any two** of the following: **8×2**
- (i) Explain the term Quality Control and discuss commerce of natural medicinal plants products.
 - (ii) Give organoleptic evaluation parameters for the different organised and unorganised drugs.
 - (iii) Discuss qualitative and quantitative microscopical evaluation of crude drugs.
- 2 Attempt **any two** of the following: **8×2**
- (i) Enlist and brief different methods of extraction. Discuss Maceration in detail.
 - (ii) Discuss modern techniques for the purification and separation of plant constitute.
 - (iii) Explain briefly the estimation and characterisation of active herbal constituents.

- 3 Discuss the methods for determination of **any two** **8×2**
of the following activities as per WHO guidelines:
- (i) Bitterness value
 - (ii) Haemolytic value
 - (iii) Foaming Index
- 4 Describe various analytical methods for **any two** **8×2**
of the following formulations with example:
- (i) Aasava
 - (ii) Churnas
 - (iii) Taila
- 5 Discuss general screening methods of natural products **8×2**
for **any two** of the following biological activity:
- (i) Anti-inflammatory
 - (ii) Antifertility
 - (iii) Psychopharmacological
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